Teaching Genetics & Bioinformatics

In Geniverse's game environment, students act as scientists to solve problems involving modern genetics concepts. Students breed dragon model species, observe multi-level genetic changes, and disseminate their findings as Claims in the game's Journal of Drake Genetics, supported by evidence and reasoning.



Case log tracks student progress and achievement.



Students breed drakes to uncover the inheritance of real-world genes.



Cartoons introduce cases within a rich narrative.



Students get a view into meiosis and select gametes for breeding.

with a Game World of Models and Dragons

The Game

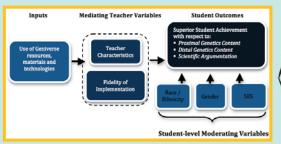
- 3 content strands:
- Heredity
- Meiosis
- DNA to Trait
- Training
- Apprentice
- Journeyman
- Master

4 levels.

The Curriculum

- Game-like challenges
- Scientific explanation & argumentation
- Formative assessments

The Research



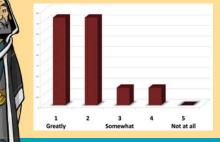
Geniverse

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Professional Development

"My students came away from this experience with a much more solid understanding of introductory genetics than my classes have accomplished in the past."

To what extent did Geniverse enhance your instruction of genetics?



Visit us: concord.org/geniverse









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